

Backup Operation

1. Shutdown the Sun Workstation
2. Connect the tape backup device to the Sun Workstation
3. Power on the tape backup device
4. Power on the Sun Workstation
5. Login to the Sun Workstation
6. Open the "Command Tools"
7. Change the directory. Please input the command below:

7.1 css@ultra% cd

7.2 css@ultra% cd ..

8. Insert the DAT tape into the tape backup device
9. Rewind the tape

css@ultra% mt -f /dev/rmt/01 rew

10. Backup the CSS/CSS-II related files.
(include Data and all programs)

css@ultra% tar cvf /dev/rmt/01 ./css

The backup process will begin.

In CSS Interim Organization, there are 2847 issued data and all programs and sources. So, backup process takes about 80 minutes. But in DVD Cca, now there are a few files you should backup, I suppose that the backup process will finish within 5 or 10 minutes.

The some messages are displayed.

When the backup process finish,
Command prompt (=css@ultra) is displayed

css@ultra%

11. Eject the DAT tape
12. You can get the backup tape

The DATA issued in DVD CCA are very important. So, I recommend that you backup everyday you issued new Data. And you should use three or more tapes.

(for example, you use three Data tapes)

the first backup day, use #1 tape
the second backup day, use #2 tape
the third backup day, use #3 tape
the fourth backup day, use #1 tape
the fifth backup day, use #2 tape
and so on....

RESTORE OPERATION

If you loose the Data or programs related to CSS/CSS-II, you should restore the Data or programs from backup tapes.

Operation described below should be done only in the case of trouble.

1. Shutdown the Sun Workstation
 2. Connect the tape backup device to the Sun Workstation
 3. Power on the tape backup device
 4. Power on the Sun Workstation
 5. Login to the Sun Workstation
 6. Open the "Command Tools"
 7. Go to the directory which you want to restore files from backup tapes.
- In this document, you store files from backup tapes in "/tmp" directory

```
css@ultra% cd /tmp
```

8. Insert the backup tape into the tape backup device
9. Rewind the tape

```
css@ultra% mt -f /dev/rmt/01 rew
```

10. Restore the css related files.
(include Data and all programs)

```
css@ultra% tar xvf /dev/rmt/01
```


The restore process will start. Many messages are displayed.
When the backup process is finished, command prompt (=css@ultra) is displayed

css@ultra1%

11. Eject the DAT tape
12. And you can get the files from backup tapes.